

INTERNATIONAL SEARCH REPORT

Interns Application No
PCT, 03/12536

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G01P15/08 G01P15/18 G01L9/00 G01L1/00 B81B1/00 B81B3/00		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G01P G01L B81B		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) INSPEC, COMPENDEX, EPO-Internal, IBM-TDB		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 132 278 A (KANG WENG POO ET AL) 17 October 2000 (2000-10-17) column 11, line 28 - line 31 column 12, line 64 - line 3 column 17, line 33 - column 18, line 52; figures 26-31 ---	1-7, 11-14, 17, 19-44, 48-53, 55-58, 60, 63, 64, 67
X	WO 01 77694 A (KRAUSS JULIE R EF ;GRUEN DIETER M (US); UNIV CHICAGO (US); AUCIELL) 18 October 2001 (2001-10-18) page 12, line 5 - line 15 page 15, line 9 - line 15; figure 7 --- -/--	1, 18, 55, 68-72
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) *O* document referring to an oral disclosure, use, exhibition or other means *P* document published prior to the international filing date but later than the priority date claimed *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family		
Date of the actual completion of the international search 12 January 2004		Date of mailing of the international search report 21/01/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Pflugfelder, G

INTERNATIONAL SEARCH REPORT

International Application No
PCT/... J3/12536

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 445 006 B1 (XU XUEPING ET AL) 3 September 2002 (2002-09-03) column 2, line 31 - line 39 column 9, line 3 - line 25; figure 11 -----	7, 44, 60
A	FAN S ET AL: "SELF-ORIENTED REGULAR ARRAYS OF CARBON NANOTUBES AND THEIR FIELD EMISSION PROPERTIES" SCIENCE, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE,, US, vol. 283, 22 January 1999 (1999-01-22), pages 512-514, XP000930011 ISSN: 0036-8075 cited in the application the whole document -----	7-10, 44-47, 60-62

INTERNATIONAL SEARCH REPORT

Intern: " " Application No
PCT, JJ JJ/12536

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6132278	A	17-10-2000	AU	3735697 A		22-10-1998
			EP	0974156 A1		26-01-2000
			WO	9844529 A1		08-10-1998
WO 0177694	A	18-10-2001	US	6422077 B1		23-07-2002
			AU	5699401 A		23-10-2001
			WO	0177694 A1		18-10-2001
			US	6613601 B1		02-09-2003
US 6445006	B1	03-09-2002	US	5973444 A		26-10-1999
			US	5872422 A		16-02-1999